

OIPE

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/383,894B

DATE: 09/13/2001

TIME: 11:26:44

Input Set : A:\00400191.app

Output Set: N:\CRF3\09132001\I383894B.raw

14 / K.T.
11-30-01Raw
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p.5

3 <110> APPLICANT: Li, Ming
5 <120> TITLE OF INVENTION: T-Type Calcium Channel
7 <130> FILE REFERENCE: 004.00191
9 <140> CURRENT APPLICATION NUMBER: US 09/383,894B
10 <141> CURRENT FILING DATE: 1999-08-26
12 <150> PRIOR APPLICATION NUMBER: US 60/098,004
13 <151> PRIOR FILING DATE: 1998-08-26
15 <150> PRIOR APPLICATION NUMBER: US 60/117,399
16 <151> PRIOR FILING DATE: 1999-01-27
18 <160> NUMBER OF SEQ ID NOS: 16
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 7129
24 <212> TYPE: DNA
25 <213> ORGANISM: Rattus sp.
27 <400> SEQUENCE: 1

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150 <211> LENGTH: 2374

151 <212> TYPE: PRT

152 <213> ORGANISM: Rattus sp.

154 <400> SEQUENCE: 2

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159 20 25 30

161 Gly Pro Gly Ser Thr Glu Lys Asp Pro Gly Ser Ala Asp Ser Glu Ala

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171					85					90					95	
173	Thr	Leu	Gly	Met	Phe	Arg	Pro	Cys	Glu	Asp	Ile	Ala	Cys	Asp	Ser	Gln
174				100					105					110		
176	Arg	Cys	Arg	Ile	Leu	Gln	Ala	Phe	Asp	Asp	Phe	Ile	Phe	Ala	Phe	Phe
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180		130					135					140				
182	Lys	Cys	Tyr	Leu	Gly	Asp	Thr	Trp	Asn	Arg	Leu	Asp	Phe	Phe	Ile	Val
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185	Ile	Ala	Gly	Met	Leu	Glu	Tyr	Ser	Leu	Asp	Leu	Gln	Asn	Val	Ser	Phe
186					165					170					175	
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207			275				280						285			
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210		290				295						300				
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228	385					390					395				400	
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243 465          470          475          480
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246          485          490          495
248 His His His His His His His Tyr His Leu Gly Asn Gly Thr Leu
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252          515          520          525
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255          530          535          540
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258 545          550          555          560
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273 625          630          635          640
275 Thr Gly Ala Cys His Ser Ser Cys Lys Ile Ser Ser Pro Cys Ser Lys
276          645          650          655
278 Ala Asp Ser Gly Ala Cys Gly Pro Asp Ser Cys Pro Tyr Cys Ala Arg
279          660          665          670
281 Thr Gly Ala Gly Glu Pro Glu Ser Ala Asp His Val Met Pro Asp Ser
282          675          680          685
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288 705          710          715          720
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291          725          730          735
293 Phe Arg Lys Ile Val Asp Ser Lys Tyr Phe Gly Arg Gly Ile Met Ile
294          740          745          750
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297          755          760          765
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300          770          775          780
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303 785          790          795          800
305 Phe Gly Tyr Ile Lys Asn Pro Tyr Asn Ile Phe Asp Gly Val Ile Val
306          805          810          815
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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

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